



**United States Environmental Protection Agency  
Region 9 Laboratory**

**1337 S. 46th Street Building 201  
Richmond, CA 94804**

**Date:** 2/3/2012

**Subject:** Analytical Testing Results - Project R33911  
SDG: 12030A

**From:** Brenda Bettencourt, Director  
EPA Region 9 Laboratory  
MTS-2

**To:** Richard Fetzer  
US EPA Region 3, Eastern Response Branch  
3HS31

Attached are the results from the analysis of samples from the **Dimock Residential Groundwater** project. These data have been reviewed in accordance with EPA Region 9 Laboratory policy.

A full documentation package for these data, including raw data and sample custody documentation, is on file at the EPA Region 9 Laboratory. If you would like to request additional review and/or validation of the data, please contact Eugenia McNaughton at the Region 9 Quality Assurance Office.

If you have any questions, please ask for Richard Bauer, the Lab Project Manager at (510)412-2300.

**Analyses included in this report:**

---

Purgeable Petroleum Hydrocarbons by GC/FID



United States Environmental Protection Agency  
**Region 9 Laboratory**

1337 S. 46th Street, Building 201, Richmond, CA 94804  
Phone:(510) 412-2300 Fax:(510) 412-2302

**Project Manager:** Richard Fetzer

**Project Number:** R33911

**Project:** Dimock Residential Groundwater

**US EPA Region 3, Eastern Response Branch**

**100 Gypsum Road**

**Stroudsburg PA, 18360**

**SDG:** 12030A

**Reported:** 02/03/12 15:54

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Collected	Date Received
FB04	1201034-01	Water	01/26/12 09:13	01/30/12 09:23
HW05	1201034-02	Water	01/26/12 11:35	01/30/12 09:23
HW06	1201034-03	Water	01/26/12 15:30	01/30/12 09:23
HW12	1201034-04	Water	01/26/12 13:23	01/30/12 09:23
HW14-P	1201034-05	Water	01/26/12 19:15	01/30/12 09:23
HW14	1201034-06	Water	01/26/12 17:13	01/30/12 09:23
FB05	1201034-09	Water	01/27/12 09:40	01/30/12 09:23
HW01	1201034-10	Water	01/25/12 16:31	01/30/12 09:23
HW24-P	1201034-11	Water	01/27/12 13:18	01/30/12 09:23
HW17	1201034-15	Water	01/27/12 11:40	01/30/12 09:23
HW24	1201034-16	Water	01/27/12 12:09	01/30/12 09:23

**SDG ID 12030A**

MS/MSD were not extracted with this sample set due to insufficient amount of samples.

**Work Order(s)**

**1201034**



United States Environmental Protection Agency  
**Region 9 Laboratory**

1337 S. 46th Street, Building 201, Richmond, CA 94804  
Phone:(510) 412-2300 Fax:(510) 412-2302

**Project Manager:** Richard Fetzer

**Project Number:** R33911

**Project:** Dimock Residential Groundwater

**US EPA Region 3, Eastern Response Branch**

**100 Gypsum Road**

**Stroudsburg PA, 18360**

**SDG:** 12030A

**Reported:** 02/03/12 15:54

**Sample Results**

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
<b>Lab ID: 1201034-01</b>						<b>Water - Sampled: 01/26/12 09:13</b>			
<b>Sample ID: FB04</b>						<b>Purgeable Petroleum Hydrocarbons by EPA Method 8015C</b>			
TPH as Gasoline		ND	U	50	ug/L	B2A0072	01/30/12	01/30/12	8015C/SOP380
<i>Surrogate: a,a,a-Trifluorotoluene</i>		103 %		76-121%		"	"	"	
<b>Lab ID: 1201034-02</b>						<b>Water - Sampled: 01/26/12 11:35</b>			
<b>Sample ID: HW05</b>						<b>Purgeable Petroleum Hydrocarbons by EPA Method 8015C</b>			
TPH as Gasoline		ND	U	50	ug/L	B2A0072	01/30/12	01/30/12	8015C/SOP380
<i>Surrogate: a,a,a-Trifluorotoluene</i>		103 %		76-121%		"	"	"	
<b>Lab ID: 1201034-03</b>						<b>Water - Sampled: 01/26/12 15:30</b>			
<b>Sample ID: HW06</b>						<b>Purgeable Petroleum Hydrocarbons by EPA Method 8015C</b>			
TPH as Gasoline		ND	U	50	ug/L	B2A0072	01/30/12	01/30/12	8015C/SOP380
<i>Surrogate: a,a,a-Trifluorotoluene</i>		106 %		76-121%		"	"	"	
<b>Lab ID: 1201034-04</b>						<b>Water - Sampled: 01/26/12 13:23</b>			
<b>Sample ID: HW12</b>						<b>Purgeable Petroleum Hydrocarbons by EPA Method 8015C</b>			
TPH as Gasoline		ND	U	50	ug/L	B2A0072	01/30/12	01/30/12	8015C/SOP380
<i>Surrogate: a,a,a-Trifluorotoluene</i>		108 %		76-121%		"	"	"	
<b>Lab ID: 1201034-05</b>						<b>Water - Sampled: 01/26/12 19:15</b>			
<b>Sample ID: HW14-P</b>						<b>Purgeable Petroleum Hydrocarbons by EPA Method 8015C</b>			
TPH as Gasoline		25	C1, F12, J	50	ug/L	B2A0072	01/30/12	01/30/12	8015C/SOP380
<i>Surrogate: a,a,a-Trifluorotoluene</i>		104 %		76-121%		"	"	"	
<b>Lab ID: 1201034-06</b>						<b>Water - Sampled: 01/26/12 17:13</b>			
<b>Sample ID: HW14</b>						<b>Purgeable Petroleum Hydrocarbons by EPA Method 8015C</b>			
TPH as Gasoline		ND	U	50	ug/L	B2A0072	01/30/12	01/30/12	8015C/SOP380
<i>Surrogate: a,a,a-Trifluorotoluene</i>		101 %		76-121%		"	"	"	
<b>Lab ID: 1201034-09</b>						<b>Water - Sampled: 01/27/12 09:40</b>			
<b>Sample ID: FB05</b>						<b>Purgeable Petroleum Hydrocarbons by EPA Method 8015C</b>			
TPH as Gasoline		ND	U	50	ug/L	B2A0072	01/30/12	01/30/12	8015C/SOP380
<i>Surrogate: a,a,a-Trifluorotoluene</i>		104 %		76-121%		"	"	"	
<b>Lab ID: 1201034-10</b>						<b>Water - Sampled: 01/25/12 16:31</b>			
<b>Sample ID: HW01</b>						<b>Purgeable Petroleum Hydrocarbons by EPA Method 8015C</b>			
TPH as Gasoline		ND	U	50	ug/L	B2A0072	01/30/12	01/30/12	8015C/SOP380
<i>Surrogate: a,a,a-Trifluorotoluene</i>		103 %		76-121%		"	"	"	
<b>Lab ID: 1201034-11</b>						<b>Water - Sampled: 01/27/12 13:18</b>			
<b>Sample ID: HW24-P</b>						<b>Purgeable Petroleum Hydrocarbons by EPA Method 8015C</b>			
TPH as Gasoline		ND	U	50	ug/L	B2A0072	01/30/12	01/30/12	8015C/SOP380



United States Environmental Protection Agency  
**Region 9 Laboratory**

1337 S. 46th Street, Building 201, Richmond, CA 94804  
Phone:(510) 412-2300 Fax:(510) 412-2302

**Project Manager:** Richard Fetzner  
**Project Number:** R33911  
**Project:** Dimock Residential Groundwater

**US EPA Region 3, Eastern Response Branch**  
**100 Gypsum Road**  
**Stroudsburg PA, 18360**

**SDG:** 12030A  
**Reported:** 02/03/12 15:54

### Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
<b>Lab ID:</b> 1201034-11									<b>Water - Sampled: 01/27/12 13:18</b>
<b>Sample ID:</b> HW24-P									<b>Purgeable Petroleum Hydrocarbons by EPA Method 8015C</b>
Surrogate: a,a,a-Trifluorotoluene			100 %	76-121%		B2A0072	01/30/12	01/30/12	
<b>Lab ID:</b> 1201034-15									<b>Water - Sampled: 01/27/12 11:40</b>
<b>Sample ID:</b> HW17									<b>Purgeable Petroleum Hydrocarbons by EPA Method 8015C</b>
TPH as Gasoline		ND	U	50	ug/L	B2A0072	01/30/12	01/30/12	8015C/SOP380
Surrogate: a,a,a-Trifluorotoluene			103 %	76-121%		"	"	"	
<b>Lab ID:</b> 1201034-16									<b>Water - Sampled: 01/27/12 12:09</b>
<b>Sample ID:</b> HW24									<b>Purgeable Petroleum Hydrocarbons by EPA Method 8015C</b>
TPH as Gasoline		ND	U	50	ug/L	B2A0072	01/30/12	01/30/12	8015C/SOP380
Surrogate: a,a,a-Trifluorotoluene			106 %	76-121%		"	"	"	

### Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B2A0072 - 5030 P&T TPH-G - TPH - Purgeable									Prepared & Analyzed: 01/30/12	
Purgeable Petroleum Hydrocarbons by EPA Method 8015C - Quality Control										
Blank (B2A0072-BLK1)										
TPH as Gasoline	ND	U		50 ug/L						
Surrogate: a,a,a-Trifluorotoluene	134			"	125		107	76-121		
LCS (B2A0072-BS1)										
TPH as Gasoline	486			50 ug/L	500		97	75-114		
Surrogate: a,a,a-Trifluorotoluene	140			"	125		112	76-121		
Duplicate (B2A0072-DUP2)										
Source: 1201034-01										
TPH as Gasoline	ND	U		50 ug/L			ND			20
Surrogate: a,a,a-Trifluorotoluene	129			"	125		103	76-121		



United States Environmental Protection Agency  
**Region 9 Laboratory**

1337 S. 46th Street, Building 201, Richmond, CA 94804  
Phone:(510) 412-2300 Fax:(510) 412-2302

**Project Manager:** Richard Fetzer

**US EPA Region 3, Eastern Response Branch**

**SDG:** 12030A

**Project Number:** R33911

**100 Gypsum Road**

**Reported:** 02/03/12 15:54

**Project:** Dimock Residential Groundwater

**Stroudsburg PA, 18360**

**Qualifiers and Comments**

J The reported result for this analyte should be considered an estimated value.

F12 Single component, unidentified

C1 The reported concentration for this analyte is below the quantitation limit.

U Not Detected

NR Not Reported

RE1, RE2, etc: Result is from a sample re-analysis.